

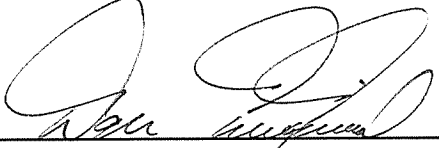
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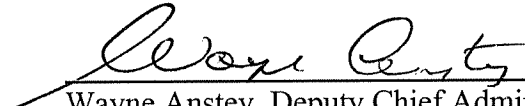


PO Box 1749
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Halifax Regional Council
May 9, 2006

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY: 
Dan English, Chief Administrative Officer


Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: April 25, 2006

SUBJECT: Award of Unit Price Tender No. 06-220, Whimsical Lake Sewage Pump Station Upgrade - West Region

ORIGIN

The Approved Advanced 2006/07 Capital Budget.

RECOMMENDATIONS

It is recommended that Council:

1. approve an increase in the Gross Budget for Capital Account CGU00576 Whimsical Lake Sewage Pump Station Upgrade - West Region in the amount of \$80,000, with funding to be provided from the Canadian Strategic Infrastructure Fund (CSIF).
2. award Tender No. 06-220, Whimsical Lake Sewage Pump Station Upgrade - West Region, to Amber Contracting Limited for materials and services listed at the unit prices quoted for a Tender Price of \$584,374 including net HST from Capital Account No. CGU00576 Whimsical Lake Sewage Pump Station Upgrade - West Region, with funding authorized as per the Budget Implications Section of this report.
3. approve the appointment of CBCL for contract administration and construction inspection

services for an estimated fee of \$94,291 including net HST from Capital Account No. CGU00576 Whimsical Lake Sewage Pump Station Upgrade - West Region, with funding authorized as per the Budget Implications section of this report.

BACKGROUND

The Approved Advanced 2006/07 Capital Budget includes funds for the upgrade of Whimsical Lake Sewage Pumping Station, Inverness Avenue - West Region. This Pumping Station is located on a fenced lot on a cul-de-sac at the end of Inverness Avenue. It was constructed in 1969 to serve a population of 1100 people and an area of 17.5 ha. Based on the Priority Rating Process endorsed by Council this project is considered a Priority 1 project.

During rainfall events of high intensity (40-50mm) or events of lower intensity (around 20mm) but for a longer (3 to 4 days) duration, sewage may surcharge through some manhole covers onto the street or travel over land into Whimsical Lake creating a potential public health hazard. After the surcharging has ended, sewage debris remains on the ground until HRM's operations staff cleans the area up.

Once the flows in the sewer system reach a certain volume (also during rainfall events), trucks are brought in to pump some sewage from the system and into the truck. Once the truck is full it travels to another location and empties its contents into the sewer system in another sewer shed. These types of pumping situations will typically last for 12-14 hours and will occur 4 to 6 times per year. This practice is expensive, creates noise for the nearby property owners and is not environmentally or economically sustainable.

As part of the Wastewater Pumping Stations and Forcemains Report, a number of recommendations were made to replace various components that have reached the end of the service life and to undertake upgrades to bring this station into compliance. The purpose of this construction tender is to implement these recommendations and complete other required upgrades.

DISCUSSION

Tenders for this project were called on March 18, 2006 and closed on March 31, 2006. The following bids, exclusive of taxes, were received:

	<u>Bid Price</u>
1. Amber Contracting Limited	\$565,000.00
2. J. R. Eisener Contracting Limited	\$635,650.00
3. A.C.L. Construction Limited	\$673,000.00

The scope of work for this tender generally includes supplying and installing new pumping

equipment , expanding the building to accommodate a diesel powered back-up generator and load transfer switch, upgrades to mechanical and electrical systems and all environmental protection during construction.

Contract administration and construction inspection related to this work will require more HRM staff than can be allocated at this time. The project was designed by CBCL Limited, and it is therefore recommended that CBCL Limited be retained to also provide contract administration and construction inspection services. The estimated fee for this service is \$91,165 plus net HST for a total cost of \$94,291. If approved, the payment to the consultant will be based on the amount of actual time spent of the project in accordance with the hourly fees in the design proposal.

It is anticipated that work will commence within three weeks of the tender award.

This is a **UNIT PRICE** contract and the cost will be dependent upon the actual quantities measured and approved by the HRM Project Manager.

There are no Local Improvement Charges associated with this work.

BUDGET IMPLICATIONS

Based on the lowest tendered price of \$565,000 plus net HST the total construction cost estimated at \$584,374. Contract Administration and Inspection Services are \$91,165, plus net HST for a total estimated cost of \$94,291. The total project, including construction and Contract Administration and Inspection Services is \$659,291 plus net HST for a total estimated project cost of \$678,665. Funding is available in Approved Advanced 2006/07 Capital Budget from Account No. CGU00576 Whimsical Lake Sewage Pump Station Upgrade - West Region. The budget availability has been confirmed by Financial Services.

This project is eligible for funding from the Canadian Strategic Infrastructure Fund (CSIF) as part of the Pumping Station Upgrades / Wet Weather Flow Solutions project.

Budget Summary: Account No. CGU00576 Whimsical Lake Sewage Pump Station Upgrade - West Region

Cumulative Unspent Budget	\$603,504.73
Add: Budget increase (available budget)	80,000.00
Less: Tender No. 06-220	\$584,374.00 *
Less: Contract Administration and Contract Inspection Services	\$ 94,291.00
Uncommitted Balance	\$ 4,839.73

* This project was estimated in the Approved 2006/07 Budget at \$600,000.

** Any remaining funds will returned to CSIF to be used for other projects.

FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation. If approved, this will increase the 2006/2007 Capital Budget.

ALTERNATIVES

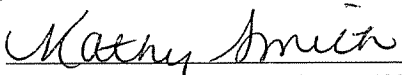
Council could choose not to award this tender in which case the recommended upgrades and other necessary work will not be carried out. The consequence of this would be continued surcharging of sanitary sewage into the street, required pumping and trucking of sewage from the manhole, overflows into Whimsical Lake and the potential for the back-up of sewage into basements. From a public health perspective and from an economic standpoint, this alternative is not recommended.

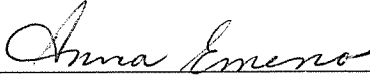
A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/agenda.html> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

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